

ABSTRACT OF THE DISCLOSURE

A supply generator for an oscillating circuit, includes an inductance (L) and a resonant capacitor (C₃, C₄), for operation at a fixed frequency and also includes at least one pair of transistors (I₂, I₂), operated on a variable cyclic regime for modifying the power. The generator includes a first diode (D₅) between a first transistor (I₂) and the supply for the generator and a second diode (D₄) between the junction point of the inductance (L) and the resonant capacitor (C₃, C₄) and the junction point of the first transistor (I₂) and the first diode (D₅). The invention is of particular use for supply of the cooking rings on an induction cooking hob.